What is Claimed is:

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1. A tooth whitening compound for whitening a tooth surface, comprising:

a whitening agent comprising a poloxamer, a hydrogen peroxide, a glycerin, a dicalcium phosphate dehydrate, a phosphoric acid, and Food, Drug & Cosmetic (FD&C) Green No.3 mixing together with a predetermined mount of water to form a whitening gel for applying on said tooth surface to process a teeth whitening reaction between said whitening agent and said tooth surface; and

a whitening catalyst having a predetermined amount of amino acids mixing with said whitening agent to chemically react with said hydrogen peroxide for stabilizing said teeth whitening reaction.

- 2. The tooth whitening compound, as recited in claim 1, wherein 0.1 to 1% by weight of said whitening catalyst is mixed with said whitening agent.
- 3. The tooth whitening compound, as recited in claim 1, wherein said whitening catalyst is mulberry root extract.
- 4. The tooth whitening compound, as recited in claim 2, wherein said whitening catalyst is mulberry root extract.
 - 5. The tooth whitening compound, as recited in claim 3, wherein said whitening catalyst is manufactured through a process which comprises the steps of:
 - (a) preparing a predetermined amount of natural mulberry roots;
- 20 (b) soaking said natural mulberry roots in water for a predetermined period of time to form a mulberry roots extract solution; and
 - (c) extracting said mulberry roots extract solution to form said mulberry root extract by:
 - (c.1) filtering said mulberry roots from said mulberry roots extract solution;

- (c.2) evaporating said water from said mulberry roots extract solution to form a saturated mulberry roots solution; and
- (c.3) crystallizing said saturated mulberry roots solution to form said mulberry roots extract.
- 6. The tooth whitening compound, as recited in claim 4, wherein said whitening catalyst is manufactured through a process which comprises the steps of:

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- (a) preparing a predetermined amount of natural mulberry roots;
- (b) soaking said natural mulberry roots in water for a predetermined period of time to form a mulberry roots extract solution; and
- (c) extracting said mulberry roots extract solution to form said mulberry root extract by:
 - (c.1) filtering said mulberry roots from said mulberry roots extract solution;
 - (c.2) evaporating said water from said mulberry roots extract solution to form a saturated mulberry roots solution; and
- (c.3) crystallizing said saturated mulberry roots solution to form said mulberry roots extract.
 - 7. The tooth whitening compound, as recited in claim 4, is manufactured through a process which comprises the steps of:
- (A) mixing a predetermined amount of said phosphoric acid with said water to form a phosphoric acid solution;
 - (B) mixing a predetermined amount of said poloxamer with said phosphoric acid solution to form a mixture with free of lumps;

- (C) mixing a predetermined amount of said glycerin, said dicalcium phosphate dehydrate, said hydrogen peroxides, and said Food, Drug & Cosmetic (FD&C) Green No.3 with said mixture to form said whitening agent; and
- (D) mixing said mulberry roots extract with said whitening agent to form said tooth whitening compound.
 - 8. The tooth whitening compound, as recited in claim 6, is manufactured through a process which comprises the steps of:
 - (A) mixing a predetermined amount of said phosphoric acid with said water to form a phosphoric acid solution;
 - (B) mixing a predetermined amount of said poloxamer with said phosphoric acid solution to form a mixture with free of lumps;

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- (C) mixing a predetermined amount of said glycerin, said dicalcium phosphate dehydrate, said hydrogen peroxides, and said Food, Drug & Cosmetic (FD&C) Green No.3 with said mixture to form said whitening agent; and
- (D) mixing said mulberry roots extract with said whitening agent to form said tooth whitening compound.
 - 9. The tooth whitening compound, as recited in claim 2, wherein 10 to 30% by weight of said poloxamer, 3 to 6% by weight of said hydrogen peroxide, 7 to 10% by weight of said glycerin, 1 to 2% by weight of said dicalcium phosphate dehydrate, 1 to 2% by weight of said phosphoric acid, 0.1 to 1% by weight of said Food, Drug & Cosmetic Green No. 3, and 50 to 70% by weight of said water are mixed to form said whitening agent.
- 10. The tooth whitening compound, as recited in claim 4, wherein 10 to 30% by weight of said poloxamer, 3 to 6% by weight of said hydrogen peroxide, 7 to 10% by weight of said glycerin, 1 to 2% by weight of said dicalcium phosphate dehydrate, 1 to 2% by weight of said phosphoric acid, 0.1 to 1% by weight of said Food, Drug & Cosmetic Green No. 3, and 50 to 70% by weight of said water are mixed to form said whitening agent.

11. The tooth whitening compound, as recited in claim 8, wherein 10 to 30% by weight of said poloxamer, 3 to 6% by weight of said hydrogen peroxide, 7 to 10% by weight of said glycerin, 1 to 2% by weight of said dicalcium phosphate dehydrate, 1 to 2% by weight of said phosphoric acid, 0.1 to 1% by weight of said Food, Drug & Cosmetic Green No. 3, and 50 to 70% by weight of said water are mixed to form said whitening agent.

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12. A tooth whitening compound for whitening a tooth surface, comprising:

a whitening agent comprising an ultrapeg, a carbamide peroxide, a glycerin natural kosher, a dicalcium phosphate dihydrate, a carbopol, a phosphoric acid, and a sucralose mixing together with a predetermined mount of water to form a whitening gel for applying on said tooth surface to process a teeth whitening reaction between said whitening agent and said tooth surface; and

a whitening catalyst having a predetermined amount of amino acids mixing with said whitening agent to chemically react with said carbamide peroxide for stabilizing said teeth whitening reaction.

- 13. The tooth whitening compound, as recited in claim 12, wherein 0.1 to 1% by weight of said whitening catalyst is mixed with said whitening agent.
- 14. The tooth whitening compound, as recited in claim 12, wherein said whitening catalyst is mulberry root extract.
- 15. The tooth whitening compound, as recited in claim 13, wherein said whitening catalyst is mulberry root extract.
 - 16. The tooth whitening compound, as recited in claim 14, wherein said whitening catalyst is manufactured through a process which comprises the steps of:
 - (a) preparing a predetermined amount of natural mulberry roots;
- (b) soaking said natural mulberry roots in water for a predetermined period of time to form a mulberry roots extract solution; and

- (c) extracting said mulberry roots extract solution to form said mulberry root extract by:
 - (c.1) filtering said mulberry roots from said mulberry roots extract solution;
- (c.2) evaporating said water from said mulberry roots extract solution to form a saturated mulberry roots solution; and
 - (c.3) crystallizing said saturated mulberry roots solution to form said mulberry roots extract.
 - 17. The tooth whitening compound, as recited in claim 15, wherein said whitening catalyst is manufactured through a process which comprises the steps of:
 - (a) preparing a predetermined amount of natural mulberry roots;

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- (b) soaking said natural mulberry roots in water for a predetermined period of time to form a mulberry roots extract solution; and
- (c) extracting said mulberry roots extract solution to form said mulberry root extract by:
 - (c.1) filtering said mulberry roots from said mulberry roots extract solution;
- (c.2) evaporating said water from said mulberry roots extract solution to form a saturated mulberry roots solution; and
- (c.3) crystallizing said saturated mulberry roots solution to form said mulberry roots extract.
- 18. The tooth whitening compound, as recited in claim 15, is manufactured through a process which comprises the steps of:
 - (A) mixing a predetermined amount of said phosphoric acid with said water to form a phosphoric acid solution;

- (B) mixing a predetermined amount of said carbopol with said phosphoric acid solution to form a mixture with free of lumps;
- (C) heating up a predetermined amount of said ultrapeg mixed in said mixture until said ultrapeg is substantially dissolved in said mixture to form an ultrapeg based mixture;

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- (D) mixing a predetermined amount of said glycerin natural kosher, said dicalcium phosphate dehydrate, said carbamide peroxides, and said suralose with said ultrapeg based mixture to form said whitening agent; and
- (E) mixing said mulberry roots extract with said whitening agent to form said tooth whitening compound.
 - 19. The tooth whitening compound, as recited in claim 17, is manufactured through a process which comprises the steps of:
 - (A) mixing a predetermined amount of said phosphoric acid with said water to form a phosphoric acid solution;
 - (B) mixing a predetermined amount of said carbopol with said phosphoric acid solution to form a mixture with free of lumps;
 - (C) heating up a predetermined amount of said ultrapeg mixed in said mixture until said ultrapeg is substantially dissolved in said mixture to form an ultrapeg based mixture;
 - (D) mixing a predetermined amount of said glycerin natural kosher, said dicalcium phosphate dehydrate, said carbamide peroxides, and said suralose with said ultrapeg based mixture to form said whitening agent; and
 - (E) mixing said mulberry roots extract with said whitening agent to form said tooth whitening compound.
- 25 20. The tooth whitening compound, as recited in claim 13, wherein 20 to 30% by weight of said ultrapeg, 8 to 22% by weight of said carbamide peroxide, 10 to 20% by

weight of said glycerin natural kosher, 1 to 5% by weight of said dicalcium phosphate dehydrate, 10 to 30% by weight of said carbopol, 0.1 to 1 % of said phosphoric acid, 0.1% by weight of said sucralose, and 20 to 50% by weight of said water are mixed to form said whitening agent.

21. The tooth whitening compound, as recited in claim 15, wherein 20 to 30% by weight of said ultrapeg, 8 to 22% by weight of said carbamide peroxide, 10 to 20% by weight of said glycerin natural kosher, 1 to 5% by weight of said dicalcium phosphate dehydrate, 10 to 30% by weight of said carbopol, 0.1 to 1 % of said phosphoric acid, 0.1% by weight of said sucralose, and 20 to 50% by weight of said water are mixed to form said whitening agent.

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- 22. The tooth whitening compound, as recited in claim 19, wherein 20 to 30% by weight of said ultrapeg, 8 to 22% by weight of said carbamide peroxide, 10 to 20% by weight of said glycerin natural kosher, 1 to 5% by weight of said dicalcium phosphate dehydrate, 10 to 30% by weight of said carbopol, 0.1 to 1 % of said phosphoric acid, 0.1% by weight of said sucralose, and 20 to 50% by weight of said water are mixed to form said whitening agent.
- 23. A process for manufacturing a mulberry root extract as a whitening catalyst of a tooth whitening compound, comprising the steps of:
 - (a) preparing a predetermined amount of natural mulberry roots;
- 20 (b) soaking said natural mulberry roots in water for a predetermined period of time to form a mulberry roots extract solution; and
 - (c) extracting said mulberry roots extract solution to form said mulberry root extract.
- 24. The process, as recited in claim 23, wherein the step (c) further comprises the sub-steps of:
 - (c.1) filtering said mulberry roots from said mulberry roots extract solution;

- (c.2) evaporating said water from said mulberry roots extract solution to form a saturated mulberry roots solution; and
- (c.3) crystallizing said saturated mulberry roots solution to form said mulberry roots extract.